Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Thursday 20 Aug 2020 until 23:59 on Friday 21 Aug 2020

Forecast Issued on Thursday 20 Aug 2020 at 04:21

Confidence: High confidence for an unseasonably windy spell of weather with periods of heavy rain and squally showers at times. Medium confidence for maximum wind gusts, especially on Friday.

Headline for Thursday 20 Aug 2020: Dry with long sunny spells today, but remaining rather windy at height.

Mountain weather hazards on Thursday 20 Aug 2020

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** High Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sunny	Sunny	Sunny intervals	Sunny intervals	Sunny intervals	Clear night
Precipitation probability					
00%	00%	<05%	<05%	<05%	<05%

Forecast for Thursday 20 Aug 2020

Weather: Long sunny spells today, and staying dry but also rather windy. This evening some patchy cloud, but also long clear spells, with freshening southerly winds and a low risk of gales developing over the summits and exposed ridges.

Chance of cloud free mountain/hill tops above 600m: 100%.

Visibility: Excellent clarity throughout.

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Forecast for Thursday 20 Aug 2020

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	24/32 SW	22/27 S	21/29 S	21/29 S	18/26 S	23/34 S	29/40 S
300	15/20 S	18/24 S	18/27 S	19/28 S	15/24 S	18/29 S	23/34 SE
Valley	6/20 S	11/22 S	12/25 S	13/26 S	10/24 S	13/30 SE	16/34 SE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/7	13/9	16/12	17/12	16/12	14/10	13/8
300	14/11	15/12	18/14	20/15	18/15	16/12	15/11
Valley	13/12	17/15	19/17	21/17	19/17	16/14	16/13
Freezing Level*	2000m	2000m	2200m	2500m	2600m	2500m	2400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Strong sunshine this afternoon means suncream is necessary. This evening the wind will strengthen, with a low risk of gales developing over summits and exposed ridges by midnight.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Thu 20 Aug 2020	10.2mm	18.6mm	20.8mm

Forecast for Friday 21 Aug 2020

Weather: Dry and largely clear at first, but quickly becoming cloudy with a few showers before a spell of short-lived heavy, squally rain arrives late in the night. This clears, with scattered showers and sunny or spells following through the remainder of the day. Some of these showers may be heavy.

Maximum wind: South to south-easterly 30 mph, with gusts 40 mph, increasing south to south-westerly 35-40 mph, with 50-55 mph gusts on hill tops during the morning. Winds 30-35 mph with gusts 40-45 mph from late afternoon.

Chance of cloud free mountain/hill tops above 600m: 90%, temporarily reducing to 60% as the squally heavy band of rain passes through late in the night.

Visibility: Very good views of distant hills in general. Nearby hills appearing as feint outlines as heavy rain passes through late in the night, although even nearby hills may become obscured briefly in any intense rain, or low cloud on hill tops.

Temperature: **Valleys:** Plus 15 becoming Plus 20 Celsius.
At 600m: Plus 17 becoming decreasing Plus 13 Celsius.
Freezing level: Above the summits.

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